

What is claimed is:

1 1. A liquid crystal module, comprising:
2 a body; and
3 a circuit board disposed on the body, having a
4 plurality of lead wires, a plurality of
5 openings exposing the lead wires, an LED
6 coupled to the lead wires, and a Zener diode
7 coupled to the lead wires through the openings,
8 wherein the LED and the Zener diode are
9 juxtaposed on the lead wires.

1 2. The liquid crystal module as claimed in claim
2 1, wherein the Zener diode is coupled to the lead wires
3 by welding.

1 3. The liquid crystal module as claimed in claim
2 1, wherein the body is rectangular.

1 4. The liquid crystal module as claimed in claim
2 1, wherein the body is made of plastic.

1 5. The liquid crystal module as claimed in claim
2 1, wherein the liquid crystal module is a liquid-crystal
3 display of a mobile phone.

1 6. The liquid crystal module as claimed in claim
2 1, wherein the liquid crystal module is a liquid-crystal
3 display of a personal digital assistant.

1 7. A liquid crystal module, comprising:
2 a body; and

3 a circuit board disposed on the body, having a first
4 side and a second side, a plurality of lead
5 wires located between the first side and the
6 second side, a plurality of openings formed on
7 the first side and the second side to expose
8 the lead wires, an LED coupled to the lead
9 wires through the openings on the first side,
10 and a Zener diode coupled to the lead wires
11 through the openings on the second side,
12 wherein the LED and the Zener diode are
13 disposed on the lead wires on the first side
14 and the second side respectively.

1 8. The liquid crystal module as claimed in claim
2 7, wherein the Zener diode and the LED are
3 correspondingly located on the first side and the second
4 side.

1 9. The liquid crystal module as claimed in claim
2 7, wherein the Zener diode is coupled to the lead wires
3 by welding.

1 10. The liquid crystal module as claimed in claim
2 7, wherein the body is rectangular.

1 11. The liquid crystal module as claimed in claim
2 7, wherein the body is made of plastic.

1 12. The liquid crystal module as claimed in claim
2 7, wherein the liquid crystal module is a liquid-crystal
3 display of a mobile phone.

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13. The liquid crystal module as claimed in claim 7, wherein the liquid crystal module is a liquid-crystal display of a personal digital assistant.